



Express Mail Label #EV160775893US

PATENT APPLICATION

Our Docket No. 990356.ORI

7/30/02  
JFB

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re App : Stephen Nuss : October 16, 2002  
Serial No. : 09/760,136 : Art Unit 3736  
Filed : January 12, 2001 : Examiner Wingood  
For : TITANIUM MOLYBDENUM ALLOY GUIDEWIRE

**AMENDMENT**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**RECEIVED**

OCT 22 2002

Sir:

TECHNOLOGY CENTER R3700

This Amendment is submitted in response to the Office Action dated October 3, 2002.

Please amend the application as follows:

**IN THE SPECIFICATION**

On page 4 in the 4<sup>th</sup> full paragraph please amend the paragraph to read as follows.

The titanium molybdenum alloy is preferably a mixture of about 78% titanium 11.5% molybdenum 6% zirconium and 4.5% tin by weight.

**IN THE ABSTRACT**

Please replace the abstract with the following:

A guidewire for medical use such as in vascular and nonvascular systems. The guidewire made from a titanium molybdenum alloy wire with a composition of approximately 78% titanium 11.5% molybdenum 6% zirconium and 4.5% tin by weight such that it is softer than stainless steel guidewires and stiffer than NiTi alloy guidewires. The distal end of the guidewire is of a smaller diameter and softer than the proximal end and fitted with a coil for springiness such that the distal end will bend when encountering curves in the body passageways. The distal tip may be heat treated for a gradient of softness with the distal tip being the softest. The distal end may also be tapered to provide an additional gradient of

B/